Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 13 Oct 2023 until 23:59 on Saturday 14 Oct 2023

Forecast Issued on Thursday 12 Oct 2023 at 10:56

Confidence: High for unsettled at first Friday and for improving mid-Friday, colder with scattered showers Saturday, then largely settled from Monday.

Headline for Friday 13 Oct 2023: Overcast start with periods of rain, perhaps heavy. Turning mainly dry, bright from around mid-afternoon. Freezing level lowering later.

Mountain weather hazards on Friday 13 Oct 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	80%	90%	90%	80%	10%	10%	20%

Forecast for Friday 13 Oct 2023

Weather: Area of rain spreading from the south during the early hours. Starting overcast with periods of rain, heavy at times with quite extensive hill fog. This begins to clear from mid-day, with a mix of brighter spells and scattered light showers following from the northwest to reach all from around mid-afternoon.

Chance of cloud-free hill tops above 600m: 10% or less at first, becoming 80% from mid-afternoon

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases extensive down to 450m at first, before lifting and breaking during the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 13 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 S	11/15 S	7/11 SW	10/15 NW	16/23 NW	21/31 W	19/29 W	18/27 W	17/26 W
300	3/9 S	3/9 SE	2/7 S	7/13 NW	10/20 NW	14/28 W	12/28 W	11/25 W	10/24 W
Valley	2/11 S	3/7 SE	2/5 N	8/16 N	7/15 NW	13/26 W	9/23 W	7/20 W	8/19 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	8/6	9/8	8/5	6/2	6/2	5/-0	4/-1	3/-2
300	8/8	9/9	10/10	10/9	9/6	9/6	7/4	6/3	5/2
Valley	10/9	10/10	11/10	11/9	10/9	11/8	8/6	7/5	6/4
Freezing Level*	2300m	2500m	2600m	2400m	1700m	1200m	1100m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill developing across higher summits late in the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 12 Oct 2023	0mm	11.2mm	11.2mm

Forecast for Saturday 14 Oct 2023

Weather: Bright and sunny spells and only a scattering of showers, most of these focused across western areas of the Park. However feeling cold with showers turning wintry down to 500m later in the day as the freezing level lowers.

Maximum wind: West or northwest 15-20 mph

Chance of cloud-free hill tops above 600m: 75% in west and 90% in east

Low Cloud and visibility: Good briefly moderate or poor in showers, very poor in wintry showers and within cloud with bases infrequently lowering 600m, mainly as showers push through and in the west.

Temperature: **Valleys:** Plus 4 Celsius increasing 11 Celsius during the afternoon
At 600m: Plus 2 Celsius increasing 5 Celsius for a time during the afternoon
Freezing level: 1000 m lowering 500 m late in day

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